

CONTACT NOISE MEASUREMENTS

SUMMARY AND ANALYSIS

PANEL OFFICES

1. GENERAL

1.001 This addendum supplements Section 215-175-301, Issue 1

2. METHOD

The following change applies to Part 2 of the section:

2.05 The "seconds per call > 35" column above is shown merely for illustrative purposes. In actual practice the differences would be obtained from the "> 35" columns on the front of the form and scored directly on a scratch tally sheet. The results of the tally sheet should be entered in Column (2) of the table on the back of the form, accumulated "upwards" in Column (3) and the corresponding cumulative percentage entered in Column (4). The latter values should be plotted on the adjoining graph against the values of NTI in Column (5), shown at the top of the graph as PLOTTING POINTS, and a

smooth curve drawn through these points. The cumulative percentages of calls impaired more than 2 db and 7 db, respectively, are obtained from the curve and entered in lines (C) and (D) of the SUMMARY. If there are no calls with a 35-dba noise duration greater than 10 seconds, the last point plotted will be 1.9 NTI-DB. The value entered in line (C) of the SUMMARY should be calculated as 1 percent less than the value at 1.9 NTI-DB. The value entered in line (D) should be 0. If there are no calls with a 35-dba noise duration greater than 5 seconds, the last point plotted will be 0.5 NTI-DB. The values entered in lines (C) and (D) of the SUMMARY should be 0 in each case. These characteristics of the NTI distribution are useful as a performance index after sufficient surveys have been made to furnish a basis for a performance scale. Until such a scale can be made available, the figures may be used simply for comparison purposes, for example, to compare performance of an office before and after the application of petrolatum treatments.